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 TYPE
 

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 CATALOG #
 

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 PROJECT
 

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 NOTES
 

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## LED AREA LUMINAIRE

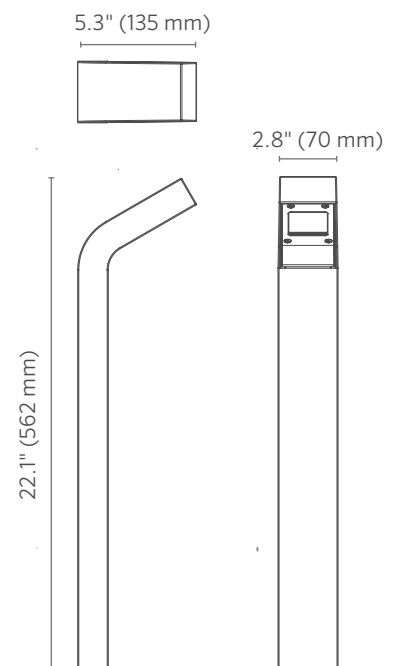
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### *aSickle-7*

This elegant area luminaire adds style and functionality to modern installations. Durable aluminum construction stands up to the elements.

#### Quick Facts

- Tamper-resistant features
- Die-cast aluminum
- Two-layer, marine-grade anodization and powder-coat finish
- Cree® integrated LEDs
- Compatible with Luxor® technology
- Phase and Luxor dimmable
- Input voltage: 10-15 Vac/Vdc



## aSickle-7 SPECIFICATIONS

Output	1 LED	3 LED	6 LED	ZDC
Total Lumens <sup>†</sup>	63	151	286	185
Input Power	2.0 W	4.2 W	8.2 W	9.1 W
Power Consumption (VA)	2.4 W	4.5 W	9.7 W	11.0 W
Input Voltage	10–15 V	10–15 V	10–15 V	11–15 V
Efficacy (lm/W)	32	36	28	20
Color Rendering Index (CRI)	80+	80+	80+	80+
Max Candela	25	62	111	86
RGBW Available	No	No	No	Yes
<b>Dimming</b>				
Primary Dimming (Transformer)	Consult transformer specifications			
Secondary Dimming (Fixture)	Phase-cut**, 0–10 V	Phase-cut**, 0–10 V	Phase-cut**, 0–10 V	Luxor
<b>Luxor Compatibility</b>				
Default	Zoning	Zoning	Zoning	--
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life L90 B10 (Hrs)	55,000	55,000	55,000	55,000

<sup>†</sup> Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K).

\*\* For optimal performance, use a trailing-edge (reverse phase-cut) dimmer.

### Lumascap

Lumascap transforms spaces with precision-engineered lighting solutions, proven to perform. Since 1991, customers have relied on us as a leading manufacturer of high-quality, innovative luminaires that solve their toughest lighting challenges. Our global experts combine sophisticated design, advanced technologies, quality materials, and rigorous testing to manufacture a comprehensive range of lighting systems that consistently exceed performance expectations. Lumascap is a member of the Hunter Industries family of companies. Learn more at [lumascap.com](http://lumascap.com).

### Materials

Die-cast A380 aluminum body with stainless steel hardware.

### Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformal coating for maximum reliability and corrosion resistance. Proprietary onboard intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradable and replaceable, the LEDs are rated to 55,000 hrs. Maximum drive current: 1 A.

### Wiring

18 AWG (1 mm); SPT-1W; 220°F (105°C); 300 V; 10' (3 m) length

### Optics

Polycarbonate color temperature adjustment lenses included with luminaire: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Photometry is calculated using the LM-79 method for SSL luminaires.

### Socket

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the luminaire.

### Power

Input 10–15 Vac/Vdc, 50/60 Hz. Remote transformer required (specify separately).

### Housing

Die-cast A380 aluminum body with capacity for 1 LED, 3 LED, 6 LED, or ZDC integrated LEDs.

### Lens

UV-stabilized acrylic lens with shock resistance and high tolerance for thermal expansion and stress.

### Hardware

Stainless steel machine screws. Ships with 30" (762 mm) length of ¾" (19 mm) conduit for mounting.

### Ambient Operating Temperature

0°F to 122°F (-18°C to 50°C)

### Control

ZDLink® utilizes Luxor technology to zone light fixtures in up to 250 groups and dim each group in 1% increments between 0 and 100%. Select the ZD option for zoning/dimming. Standard fixture is zoneable with ZDLink.

### Finish

Two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

### Weight

1.0 lb (0.5 kg)

### Installation Requirements

Designed for installation in the downward lighting direction only.

### Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

### International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 by selecting the "e" option in the parts builder.

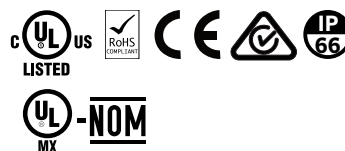
### Manufacturing

ISO 9001:2015 certified facility

### Warranty

5-year limited warranty

### Listings



aSickle-7 ORDERING INFORMATION

Luminaire	Luxor Option	Output	Color Temp	Listing	Height	Options	Finish
aSKL-7*	■ [default] Zone	■ 1LED 63 lm	■ K27 2,700K	■ [default] UL Listed	■ 24 24" (610 mm) Nominal	■ [default] Ground Mount with Conduit	■ BL Black
	■ ZD Zone/Dim	■ 3LED 151 lm		■ e CE Certified		■ DM Deck Mount	■ SL Anodic Silver
		■ 6LED 286 lm					■ LT Latte
	■ ZDC Zone/Dim/ Color	■ [default] ZDC option]					■ AG Anthracite Gray
							■ WT White
							■ DA Dark Aluminum
							■ BT Basalt Gray
							■ DB Dark Bronze
							■ CC Custom RAL

EXAMPLE LUMINAIRE CONFIGURATION: aSKL-7-ZDC-K27-E-24-DM-SL†

aSKL-7

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K27

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24

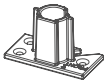
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\* Ships with 30" (762 mm) length of ¾" (19 mm) conduit and conduit stabilizer..  
† Hyphens are for readability purposes only.

MOUNTING OPTIONS: Specify Separately

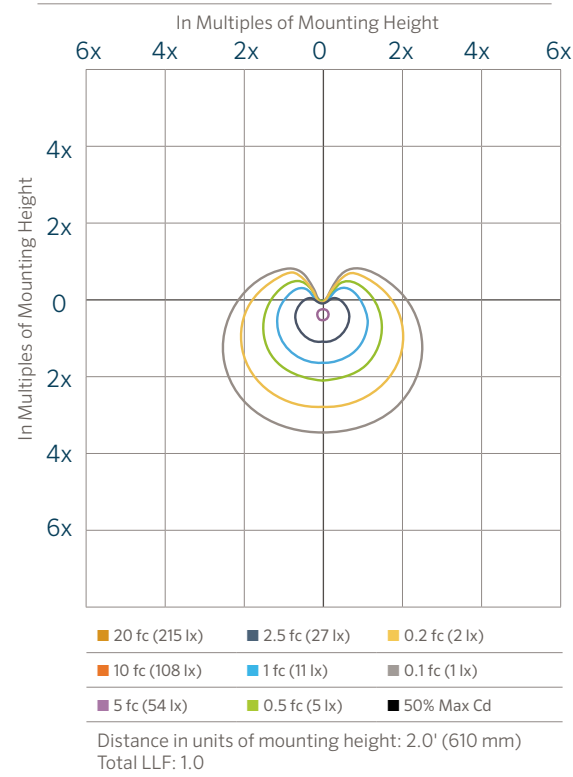
Mounts	Code†
■ aSICKLE-7 DECK MOUNT 2.7" x 1.4" x 1.7" (70 mm x 35 mm x 43 mm)	MPJ-DM-XX**



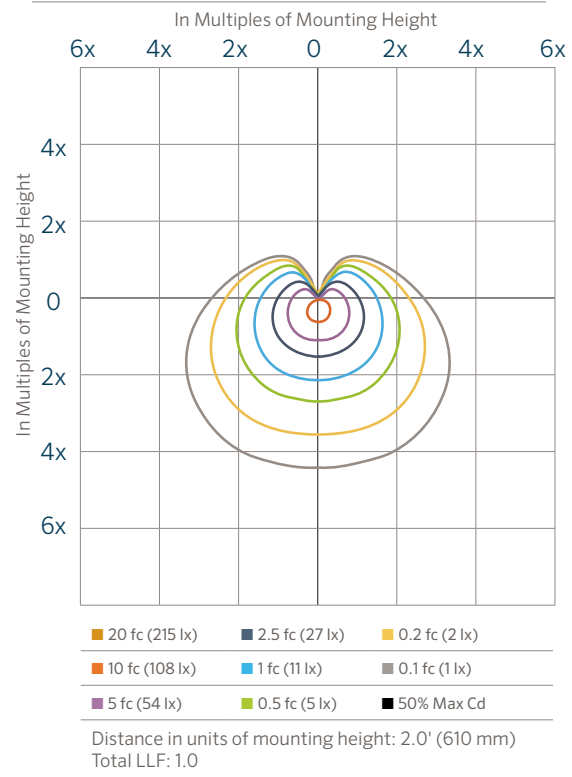
\*\*XX = Finish code  
† Hyphens are for readability purposes only.

# *aSickle*-7 PHOTOMETRICS

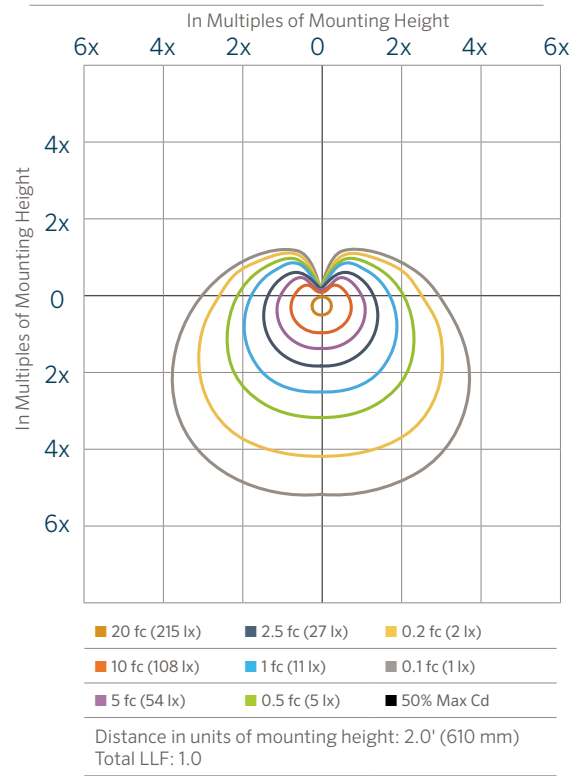
*aSKL7* 1 LED Isofootcandle Plot



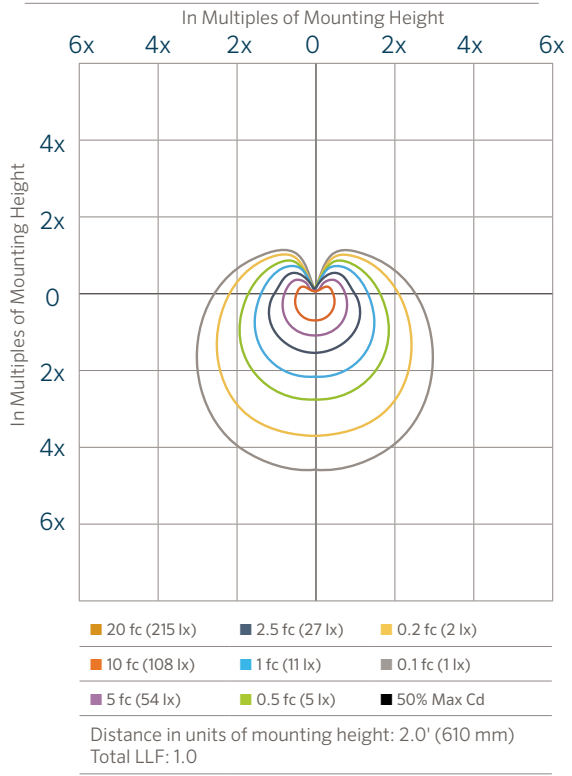
*aSKL7* 3 LED Isofootcandle Plot



*aSKL7* 6 LED Isofootcandle Plot



*aSKL7* ZDC Isofootcandle Plot



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